- Among the precautions when dealing	g with electricity is
a. a. not to play with the electric	c. to leave the electrical devices on
connections	for a long time
b. to leave some wires uncovered	d. all the previous
- The main idea of the electric lamp de	pends on
a. the heat and glow of the	c. the passage of the electric
filament.	current in sodium vapor.
b. the heat and brightness of argon.	d. the passage of the electric
D11110000111	current in mercury vapor.
3- In series connection, when one of the	e lamps is broken, what will happen to
the other lamps?	Verdances
a. They will not get affected.	c. They will turn off.
b. They will get broken.	d. No correct answer.
4- The glass tube of the fluorescent lan	mp contains
a. neon gas	c. argon gas
b. argon gas and a little amount of	d. No correct answer
mercury vapor	
5- The lamps at home are connected	
a. in series	c. both a and b
b. in parallel	d. perpendicularly
6- The filament of light bulbs is made of	
a. iron	c. sodium
b. copper	d. tungsten
7- Electric lamps have many uses. choos	Dr. Madami Valladam.
lamps and light bulbs are commonly	
a. Commercial advertisements	c. Car lamps
b. Lighting houses	d. Torches
3- What is the filament in a light bulb u	sually made of?

a. Tungsten	c. Iron
b. Copper	d. Glass
What did Thomas Edison inver	
a. The fluorescent lamp	c. Electricity
b. The light bulb	d. All of the previous answers
o- Look at this photo of a light	
a. Base	x x x
d. No correct answer	- 0/2
-Miss Madonna draws a picture	of a fluorescent lamp. What label should
	ovinosi Paper Serimer Env
a. Tungsten filaments	
b. Glass tube	
c. Points of connection	"4A P. 1011.
d. No correct answer	11, 13,
2- One of the following gases is	found in the fluorescent lamp but not in the
electric bulb	100.
a. Neon	
b. Argon	
c. Mercury vapor	
d. No correct answer	
13- All the following are electric	insulators except
a. Glass	
b. Wood	Dr. Makoma Vugakina Paemodi Pagat Science Ette
c. Rubber	
d. Copper	nudelicaring.
4 is a good condu	ictor of electricity.
a. Wood	b. Iron

c. Plastic	d. Rubber
15- All of the following materials allow	the flow of the electric current
except	
a. Iron	c. Aluminum
b. Rubber	d. Copper
16- An electric shock may cause	
a. Electric fires	c. Electric overload
b. Electric burns	d. Electric current
17- Fluorescent lamps contains argon ga	as and a little amount of
a. Hydrogen gas	c. Atmospheric air
b. Mercury vapor	d. All the answers are correct
18- The florescent lamp is lined with	substance.
a. Golden	c. Oily
b. Phosphoric	d. No correct answer
19- Fluorescent lamps and electric bulbs	s are types of electric lamps. What is
found in a fluorescent lamp but not in	n an electric bulb?
a. A glass bulb	c. Tungsten filaments
b. Argon gas	d. Phosphoric material
20- This circuit has a single route for ele	ectric current to flow through the
lamps. This is a circuit.	
a. series	
b. parallel	
c. (a) and (b)	<u> </u>
d. No correct answer	
21- Miss Madonna builds an electric circ	cuit. She wants to make lamp X shine
more brightly. What can she do?	х у \Д/, \Д/,
a. Add another lamp in series	
b. Remove lamp Y	<u> </u>
c. Add another lamp in parallel	<u> </u>
	<u>←</u> ←
*****	****

d. No correct answer	
	isinesses are connected in with the
-	isinesses are connected in with the
main source of electricity. a. series	c. parallel and series
b. parallel	d. no correct answer
Paradicial William Residence - Ann	mps. What type of circuit should she connect
	ght intensity from each lamp?
a. Series	c. Parallel
b. Series or parallel	d. No correct answer
24- Miss Madonna builds a par	allel circuit. When Miss Madonna adds
another lamp to the circuit,	the brightness of lamp X
a. stays the same	Paromon Pages heimer Env
b. increases	
c. decreases	
d. no correct answer	4A , 100.
25- Miss Madonna and Hbzlem	are talking about materials that conduct
electricity. Who is right?	All metals are Impure water is a conductor of
a. Miss Madonna only	conductors of electricity.
b. Hbzlem only	electricity.
c. Both Hbzlem and Mis	s Madonna
d. No correct answer	
26- Connecting in	. is the best way to connect electric lamps and
electric devices.	
a. Series	c. Series and parallel
b. Parallel	d. No correct answer
7- When disconnecting an elec	ctric lamp from a series connection, the rest of
the lamps	Wingerfluid to the
a. Stay lightning	

b. Turn off					
c. Make spark					
d. All the previous answers		. (
8- Electric fires are not put out by	water because; water is	а/ап			
a. Electric insulatorb. Electric conductor					
c. Heat conductor					
d. No correct answer	na Vaul				
III IVIZIIII	a an alastris siravit Tha	lamp lights up			
9- Miss Madonna puts a steel key in		4			
because the steel key lets electricit	154	2 00 0			
- A	ma Venhama	ight up.			
managers.	Page Science Dity				
b. A plastic spoon					
c. An iron nail d. All the answers are correct					
o- A material that does not allow el	lectricity to flow through	it is called an			
electrical	ectricity to now through	i it is cancu an			
1 6 7	011.				
a. conductor b. barrier c. insulator d. no correct answer l- Miss Madonna made a list of electoric material is in the wrong list? a. Rubber b. Lead c. Impure water d. Aluminum lead to the conductor of the condu					
c. insulator					
d. no correct answer					
ı- Miss Madonna made a list of elec	ctrical conductors and ir	nsulators. Which			
material is in the wrong list?		Copper			
a. Rubber	Conductors	Aluminum Lead			
b. Lead		Impure water			
c. Impure water	Insulators	Rubber			
d. Aluminum	niabilitzi ini.				
2- Electric burns cause damage to	•••••				
<u> </u>	b. Body tissue				
a. Furniture	b. Doug tissue				

b. High melting point c. The outside of the cable is made of plastic because plastic is an electric	c. Clothes	d. No correct answer
a. Increases b. Decreases d. No correct answer The filament of the light bulb is made of tungsten because it has	33- When increasing the number	of lamps in a series connection, the light
d. No correct answer The filament of the light bulb is made of tungsten because it has	intensity	
a. Low density c. Low melting point b. High melting point d. (A) and (c). 35- The outside of the cable is made of plastic because plastic is an electric a. conductor b. component c. insulator b. component d. no correct answer 36- The electric lamps represent a constant source of light that is a. Clear c. Free from smoke and odor b. Bright d. All the previous answers 37- The electric lamp converts the electric energy into energy. a. kinetic c. sound b. light d. magnetic 38- All the following are from the components of the light bulb except a. the filament. c. two points of connection. b. the glass bulb. 9- The filament of the light bulb is made of a. Tungsten. c. Iron. b. Copper. d. Aluminum. 0- All the following are from the components of the fluorescent lamp except c. two thick copper wires.	a. Increases	c. Stay unchanged
a. Low density b. High melting point d. (A) and (c). 35- The outside of the cable is made of plastic because plastic is an electric a. conductor b. component c. insulator b. component c. insulator b. component c. insulator d. no correct answer c. Free from smoke and odor d. Bright d. All the previous answers c. sound d. light d. magnetic c. sound d. light d. magnetic c. two points of connection. d. the base of the light bulb. g- The filament of the light bulb is made of	b. Decreases	d. No correct answer
b. High melting point d. (A) and (c). The outside of the cable is made of plastic because plastic is an electric a. conductor b. component c. insulator b. component c. insulator d. no correct answer c. Free from smoke and odor b. Bright d. All the previous answers resound d. Magnetic c. sound d. magnetic c. two points of connection. d. the base of the light bulb. p- The filament of the light bulb is made of	- The filament of the light bulb	is made of tungsten because it has
electric	a. Low density	c. Low melting point
electric a. conductor b. component Franchis and A. no correct answer 66- The electric lamps represent a constant source of light that is	b. High melting point	d. (A) and (c).
a. conductor b. component d. no correct answer 36- The electric lamps represent a constant source of light that is	35- The outside of the cable is ma	ade of plastic because plastic is an
b. component 36- The electric lamps represent a constant source of light that is	electric	. 05
b. component d. no correct answer 36- The electric lamps represent a constant source of light that is		_02 Years 60**
a. Clear b. Bright d. All the previous answers 37- The electric lamp converts the electric energy into		
b. Bright d. All the previous answers 7- The electric lamp converts the electric energy into	36- The electric lamps represent	a constant source of light that is
a. kinetic b. light c. sound d. magnetic 38-All the following are from the components of the light bulb except a. the filament b. the glass bulb c. two points of connection d. the base of the light bulb. 9- The filament of the light bulb is made of a. Tungsten b. Copper c. Iron d. Aluminum c. Iron c. Iron d. Aluminum c. All the following are from the components of the fluorescent lamp except a. tungsten filaments. c. two thick copper wires.	a. Clear	c. Free from smoke and odor
a. kinetic b. light d. magnetic 38-All the following are from the components of the light bulb except a. the filament. c. two points of connection. b. the glass bulb. d. the base of the light bulb. 9- The filament of the light bulb is made of a. Tungsten. c. Iron. b. Copper. d. Aluminum. 0- All the following are from the components of the fluorescent lamp except	b. Bright	d. All the previous answers
b. light d. magnetic 38-All the following are from the components of the light bulb except	37- The electric lamp converts th	e electric energy into energy.
a. the filament. b. the glass bulb. c. two points of connection. d. the base of the light bulb. 9- The filament of the light bulb is made of a. Tungsten. b. Copper. c. Iron. d. Aluminum. o- All the following are from the components of the fluorescent lamp except a. tungsten filaments. c. two thick copper wires.	a. kinetic	c. sound
a. the filament. b. the glass bulb. c. two points of connection. d. the base of the light bulb. 9- The filament of the light bulb is made of a. Tungsten. b. Copper. c. Iron. d. Aluminum. 0- All the following are from the components of the fluorescent lamp except a. tungsten filaments. c. two thick copper wires.	b. light	d. magnetic
b. the glass bulb. 9- The filament of the light bulb is made of a. Tungsten. b. Copper. c. Iron. d. Aluminum. o- All the following are from the components of the fluorescent lamp except a. tungsten filaments. c. two thick copper wires.	38-All the following are from the	e component <mark>s of the</mark> light bulb ex <mark>cept</mark>
9- The filament of the light bulb is made of a. Tungsten. b. Copper. c. Iron. d. Aluminum. o- All the following are from the components of the fluorescent lamp except a. tungsten filaments. c. two thick copper wires.	a. the filament.	c. two points of connection.
a. Tungsten. b. Copper. c. Iron. d. Aluminum. o- All the following are from the components of the fluorescent lamp except a. tungsten filaments. c. two thick copper wires.	b. the glass bulb.	d. the base of the light bulb.
b. Copper. d. Aluminum. o- All the following are from the components of the fluorescent lamp except a. tungsten filaments. c. two thick copper wires.	9- The filament of the light bulb	is made of
 b. Copper. d. Aluminum. o- All the following are from the components of the fluorescent lamp except a. tungsten filaments. c. two thick copper wires. 		c. Iron.
a. tungsten filaments. c. two thick copper wires.	b. Copper.	d. Aluminum.
a. tungsten filaments. c. two thick copper wires.	o- All the following are from the	e components of the fluorescent lamp except
a. tungsten filaments. c. two thick copper wires.	•••••	
h. points of connection. d. glass tube.		c. two thick copper wires.
b. Points of connection.	b. points of connection.	d. glass tube.

Which of the following gases	is found in the fluorescent lamp but not in
he light bulb ?.	
. Neon.	c. Mercury vapour.
. Argon.	d. Water vapour.
	of the fluorescent lamp is covered
ith	
mercury.	c. copper.
a phosphoric material.	d. tungsten.
There are two points of conne	ection at each tip of the fluorescent lamp
•••••	20/2
to react with tungsten filame	ent.
to connect the lamp to electr	icity and Remove English
to prevent air from reaching	the filament.
(a), (b) and (c).	270 "W.91.
We need a light bulb, battery	and connecting wires connected together in
losed continuous path to	- 13 J
obtain a continuous electric	circuit.
make a simple electric circui	E CONTRACTOR OF THE PARTY OF TH
make the bulb lights up.	
(a), (b) and (c).	
When we connect more than o	one bulb in series to an electric source, the
ght intensity of the bulbs	••••••
. decreases.	
increases.	
does not change.	Ur. Madarma Vantaianna Paarmosia Paget Scienna Citta
. (a), (b) and (c).	
When we connect more than o	one bulb in parallel to an electric source, the
ght intensity of the bulbs	•••••
decreases.	

b. increases.	
c. does not change.	
d. (a), (b) and (c).	
7- If we have three light bulbs a	and we need to get high light intensity, so we
must connect them	
a. in series.	
b. in parallel.	
c. (a) and (b).d. without copper wires.	nna Youhanna
B- When we unscrew a bulb from	m those that are connected in series,
•••••	033
a. the unscrewed lamp only wi	ll be turned off.
b. all lamps still lighting.	White Children and Control
c. no lamp will be turned off.	arma Hall
d. all lamps will be turned off.	AND AUTH
9- The light bulbs are connected	d in in the house.
a. parallel	JOHN TO
b. series	100.
c. parallel and series	
d. series in some places and in	n parallel in the other places
o- In our daily life, electricity c	an be used in
a. cooking and preserving foo	d.
b. lighting houses and factorio	es.
c. operating some machines.	
d. (a), (b) and (c).	Dr. Makoma Vantakana. Paemoris Pagat Science City
is a good conducto	or of electricity.
b. series c. parallel and series d. series in some places and in O- In our daily life, electricity of a. cooking and preserving food b. lighting houses and factoric c. operating some machines. d. (a), (b) and (c)	c. Plastic
b. Iron	d. Glass

All the following materials allow th	ne flow of the electric current except
•••••	
a. iron.	c. rubber.
b. copper.	d. aluminium.
3- Materials that don't allow the flow	of electricity through them are called
a. electric conductors.	c. electric insulators.
b. electric burns.	d. electric fires.
- Materials that allow the flow of ele	ctricity through them are
a. electric conductors.	c. electric shocks.
b. electric insulators.	d. electric fires.
All the following are from the direct	t injuries except
a. fires resulting from electricity.	c. the electric shock.
o. falling from the top of a ladder.	d. electric burns.
Plugging many appliances (machine	es) to one socket may cause
. electric overload.	c. fires.
. heating up of wires.	d. (a), (b) and (c).
Water cannot be used to put out ele	ectric fires, because
a. it is a good conductor of electricity	7.
. it is a bad conductor of electricity.	
. it may evaporate.	
l. it is not cold.	
-	e electric current through the human
body.	
a. Electric shock	c. Electric burn
b. Electric fire	d. Electric overload
The harms resulting from the electronic	ric shock depend on
the time taken by the current to pas	s through the human body.
the strength of the electric current p	passing through the human body.

- c. the heavy clothes that covered the human body.
- d. (a) and (b).
- 60- The electric shock may cause
 - a. electric fires.
 - b. electric overload.
 - c. electric burns.
 - d. electric current.
- 61- To avoid the occurrence of electric shock, you should not
 - a. touch the naked wires.
 - b. touch electric machines with wet hand.
 - c. put metallic objects in the electric socket.
 - d. (a), (b) and (c).

62- Which of the following is from the precautions in dealing with electricity

Paramost Paper Serious Dity

- a. Place several connections in the same socket.
- b. Play with the electric connections.
- c. Don't clean any electric machine, while being connected to the electricity.
- d. Place the flammable materials as curtains close to the machines that generate heat.
- 63- Electric wires must be covered with
 - a. copper.
 - b. plastic.
 - c. iron.
 - d. lead.

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Dr. Madonna Youhanna The LLAN DIDENTANTOR Monna Voula

Dr. Malliona Viollanny Easthield Fagri Focus En

Answers

Dr. Madonna Youhanna

1 A 2 A 3 C В 4 B 5 6 D 7 B 8 a 9 В 10 b A 11 C **12** D 13 В 14 B 15 16 B В 17 18 В D 19 20 A

21

22

23

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25 26

27

28

29

B B

C

A

C

B

B B

C

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1		-
30	C	
31	C C	
	В	
33	В	
34	В	
32 33 34 35 36	C	
36	D	the same
37	В	TF =115
38	C	
39	A	-
40	C	10
41	A C C	VId
40 41 42 43 44 45 46 47	В	1.64
43	В	
44	D	
45	A	
46	C	
47	В	
48	D	
49	A	T
50	D	
51	В	200
52	C	P
52 53	C	
54	A	1600
55	В	613
56	D	100
57	A	20
58	A	111
59	D	100
60	C	
61	D	
62	C	
63	b	-
	Page Re	THE THE

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X	April Revision In Science	Grade	6	Miss. Soha Samy
-	Choose f The is the n	nain source of light on	orgy on the Earth	4
8 ·	A Moon	B Sun	C Electric lamp	D Oil lamp
Š .				On lamp
5 2.	Electric lamps convert			_
3	A Sound	B Magnetic	C Light	D Kinetic
3.	The is the so	urce of electric charge	es in the electric circu	it.
5	A Battery	B Switch	C Light bulb	D Electric wire
4 .	Electric wires are made	e up of		2
X [A Iron	B Plastic	C Tungsten	D Copper
5.	The filament of the lig	ht bulb is made of)	
	A Copper	B Iron	C Tungsten	D Aluminum
6.	The is a natu	ral source of light.		
<u>z</u>	A Torch	B Sun	C Candle	D Electric lamp
× 7.	prevents a	nir from reaching the f	filament.	
5	A Filament	B Glass bulb	C Copper wire	D Lamp's base
8.	The heats u	p and emits light, wh	en electric current pa	ss through it.
<u> </u>	A Glass bulb	B Copper wire	C Argon gas	D Filament
9.	The fluorescent lamp i	s empty of all these e	xcept gas.	
<u>×</u> (A Neon	B Hydrogen	C Nitrogen	D Argon
10.	Carries the la	mp in upright position	ո.	
<u>v</u>	A Filament	B Copper wire	C Light bulb	D Lamp's base
8 11. i	f the lamp's filament w	as made of iron, it we	ould	8
\$	A Melt	B Boil	C Coil	D Be cold
12.	Connects the	light bulb with electr	icity.	
8	A Argon gas	B Glass bulb	C Lamp's base	D Filament
3		1		<u> </u>
× j	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$ B \$ \$ B \$ \$ B	X 4 5 8 5 5 8 5 8	01098005315

3	ğ	5485485486	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	X \$ 5 5 5 5 5 5 5	X \$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Š		April Revision In Science	Grad		Miss. Soha Samy
5	13	. The filament of the lig			
8		A Air	B Argon	C Heat	D Electricity
ŏ	14	. The electric lamps con	tain gas.		X
5		A Hydrogen	B Argon	C Neon	D Oxygen
F	15	. The fluorescent lamp	consists of	filament(s).	8
ğ		A One	B Two	C Three	D Four
5	16	. The inner surface of th	e fluorescent lamps	is covered with	
-		A Copper	BArgon	C Iron	D Phosphoric material
X	17	. All of these found in th	ne fluorescent lamp	except	×
<u>5</u>		A Argon	B Mercury	C Filament	D Base
<u>⊖</u> ×	18	. In series connection, e	lectric current has .		
\$		A One path	B Two paths	C No path	D Several paths
旦	19	is used to	open or close the	electric circuit.	<u> </u>
ğ		A Battery	B Copper wire	C Light bulb	D Switch
5	20	. Electric wires are cove	red with	CAL	\ /\/
<u></u>		A Copper	B Iron	C Plastic	D Aluminium
ğ	21	. All of these are good e	electric conductors,	except	× v
\$		A Copper	B Lead	C Glass	D Iron
	22	. When a lamp is conne	cted in series with a	a damaged lamp, the la	mp will
8		A Turn on	B Turn off	C Be damaged	D Decrease light intensity
5	23	is a closed p	ath through which e	electricity passes.	· ·
		A Electric current	B Light bulb	C Filament	D Electric circuit
× \$	24	. Handles of the electric	devices are made o	of	
夏月		A Copper	B Aluminium	C Plastic	D Iron
8	25	is a good co	nductor of electricit	ty.	×
E E		A Wood	B Iron	C Rubber	D Plastic
ğ	ğ	3 B 8 3 B 8 3 B 8	5 5 5 5 5 5 5 5		01098005315

3	ğ	5285288588	5	\$ 5 8 \$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	X \$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4
8		April Revision In Science	Grade 6	5	Miss. Soha Samy	Š
5	26	is an electr	ic insulator.			\$
3		A Lead	B Copper	C Wood	D Iron	A
ŏ	27	. The electric cables are	made up of			ğ
5		A Copper	B Plastic	C Iron	D Tungsten	5
	28.	Electric shock occurs d	lue to passing	through the human	body.	
Š		A Heat	B Water	C Air	D Electric current	Ř
Q	29.	is a bad cor	nductor of electricity.			Q
		A Water	B Human	C Air	D Iron	
Ř		Water	B Hullian	CAII		ğ
5	30.	. Plugging more than or	ne machine in one sock	et cau <mark>se</mark> s		5
5		A Electric fire	B Electric shock	C Regular fire	D Indirect injury	8
ğ	31.	. All of these are direct	injuries of electricity ex	ccept		ğ
5		A Electric fires	B Electric burns	C Electric shock	D Falling from a ladder	Ş
	32.	results fron	n the electric overload.		•	
8		A Electric fire	B Electric shock	C Electric burn	D Regular fire	8
且	33.	. A piece of m	akes the electric circuit	t open when it is a pa	rt of the circuit.	A
ğ		A Iron	B Copper	C Wood	D Aluminum	ğ
5	34.	allows elect	ricity to pass though it.	1		5
5		A Copper	B Plastic	C Wood	D Glass	
ğ	35.	is used to p	ut out electric fires.			ğ
5		A Sand	B Water	C Air	D Cloth	5
4	36.	leads to the	damage of the body tiss	sues.		<u></u>
×		A Electric burn	B Electric fire	C Electric shock	D Falling from a ladder	8
<u>9</u>	37.	The harm of electric b	urn depends on	of the electric cur	rent passing in the body.	り
8		A Length	B Strength	C Shape	D Speed	8
3			3			II
X	1 2	AHXAHXAHV	A R X A R X A R X	ARXARYAR	01098005315	W.

3	X 45 X 4 5 X 4 5 X	5 Z S S Z Z S Z Z Z Z Z	{ \$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	X 4 B X 4 B X 4 B X
X	April Revision In Science	Grade	e 6	Miss. Soha Samy
5	38. All of these are flamn	nable materials excep	t	_
8	A Clothes	B Carpet	C Sand	D Curtains
ğ	39. A bar made of	is sued to push inju	red person during ele	ectric accidents.
5	A Iron	B Wood	C Copper	D Aluminum
	40. Placing an electric he	ater near to furniture	causes	
Ř	A Electric fire	B Regular fire	C Electric shock	D Electric burn
÷	41. When a man touches	an uncovered wire h	aving electric current,	it causes
	A Electric fire	B Electric shock	C Regular fire	D Electric burn
8	42. The electric fire	when putting	out it with wate <mark>r.</mark>	-
S L	A Decreases	B Increases	C Puts off	D Reduces
8	43 exists in th	e fluorescent lamp an	d not found in the ligi	ht bulb.
\$	Argon	B Filament	C Mercury vapo	ur D Air
5	44. Fluorescent lamp ha	s points of	connection.	
ğ	A Two	B One	C Three	D Four
5	45. The glass tube of fluo	prescent lamp is vacuu	umed from	
8	A Air	B Argon	C Mercury	D Water
3	46 wire conn	ects the filament with	n the base of the light	bulb.
3	A Iron	B Tungsten	C Copper	D Aluminum
×	47. Spiral base has	Piece(s) of lead.	000	
5	A One	B Two	C Three	D Four
<u></u>	48. There are po	int(s) of connection at	each tip of the fluore	escent lamp.
×	A One	B Two	C Three	D Four
5	49. On increasing the nu	mber of electric lamp	s in series connection	, the light intensity
	A Decreases	B Is doubled	C Increases	D Doesn't change
凡				
8			4	A 04000005345
A			8 4 8 8 8 8 8 8 8	01098005315

3	ğ s	5 8 9 5 8 9 5 8 8 4 8 4 8 4 8 4 8 4 8 4 8 4 8 4 8 4	5 Z X S Z X S Z X	\$ 5 \$ \$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Š		April Revision In Science	Grade 6		Miss. Soha Samy
\$	50.	On increasing the num	nber of electric lamps i	n parallel connection, t	the light intensity
<u></u>		A Increases	B Stays constant	C Decreases	D Is doubled
ğ	51.	Light intensity of lamp	os in series connection	decreases, when num	ber of lamps
5		A Decreases	B Increases	C Doesn't change	D Reduces
	52.	is used t	o distinguish electric fi	ires.	
8		A Sand	B Water	C Cloth	D Curtains
旦	53.	Two-side nails base h	as two pieces of	to connect it with e	lectricity.
ğ		A Copper	B Tungsten	C Aluminium	D Lead
5	54.	occurs when	placing flammable mat	terial n <mark>e</mark> ar to a <mark>m</mark> achin	e generating heat.
<u></u>		A Electric burn	B Electric fire	C Electric shock	D Indirect injury
ğ	55.	All of these machines	generate heat except		3
5		A Electric heater	B Electric iron	C Light bulb	D Electric fan
$\frac{\Theta}{\Theta}$	56.	The fluorescent lamp	contains a little of		_
8		A Oxygen	B Nitrogen	C Water vapour	D Mercury vapour
凡	57.	The filament is made	of tungsten as it has h	igh point.	// Y
ğ		A Boiling	B Melting	C Freezing	D Connecting
5	58.	has the hig	hest melting point.		
<u></u>		A Iron	B Aluminium	C Tungsten	D Copper
×	59.	is the scien	tist who invented the	electric lamp.	
<u>\$</u>		A Edison	B Newton	C Archemides	D Faraday
9	60.	All of these are artific	ial source of light exce	pt	
<u>8</u>		A Electric lamps	B Sun	C Candles	D Oil lamps
耳	61.	All of these from the	properties of the light	of electric lamps excep	t
ğ		A Clear	B Bright	C having smoke	D Free of odor
<u></u>			5		Į.
X	ğ	\$ 5 5 5 5 5 5 5	\$ 5 5 5 5 5 5 5	\$ 5 5 5 5 5 5 5	01098005315

8	8 5 5 g	\$ \$ B \$ \$ B \$ \$	5 × 5 5 5 5 5 5 5 5	5	5585585585
Š	April I	Revision In Science	Grade 6		Miss. Soha Samy
\$	62. The	filament of the ligh	t bulb is made up of		4
8	A	Iron	B Tungsten	C Copper	D Aluminium
ğ	63	is made of thi	n glass and contains a	rgon gas.	×
5	A	Filament	B Electric wire	C Base	D Glass bulb
	64. Gla	ss bulb of the lamp	contains argon gas to	the lifetime o	of the lamp.
\$	A	Decrease	B Increase	C Doesn't affect	D Reduce
Д	65. Inci	reasing the tempera	ture of electric machi	nes, causes	p
ğ	A	Electric burn	B Electric fire	C Electric shock	D Indirect injury
5	66. The	electric shock may	cause		
T.	A	Electric fires	B Electric burn	C Electric overload	D Indirect injury
ğ	67. The	glass tube of the fl	uorescent lamp conta	ins gas.	<u> </u>
り	A	Neon	B Argon	c Oxygen	D Hydrogen
\mathbf{x}	68. Ele	ctric cables must be	covered with		
5	A	Iron	B Copper	C Aluminum	D Plastic
8	69. All	of these are good el	ectric conductors exc	ept	// Y
ğ	A	Lead	B Aluminium	C Rubber	D Iron
\$	70. By	increasing the numb	er of the light bulbs c	onnecting in series, lig	tht intensity
夏	A	Decreases	B Duplicates	C Increases	D Remains constant
8	71	Is from the	electric insulators.		
<u> </u>	A	Copper	B Wood	C Aluminium	D Copper
8	72. All	of these don't allow	electric current to flo	w through them exce	pt
3	A	Glass	B Wood	C Paper	D Iron
<u></u>	73	is present i	n the fluorescent lamp	and isn't present in t	he light bulb.
₫	A	Argon	B Filament	C Neon	D Mercury vapour
			6		Į.
X	1 8 3 B	X	5	\$ 5 5 5 5 5 5	01098005315

Revision In Scienc	e	Grade 6		Miss.	Soha Samy
1. b	13. d	26. C	38·C	50-b	r 62. b
2. C	14. b	27. 9	39.b	51. b	63. d
3. 9	15.b	28. d	40. q	52- Q	64.6
4. d	16.d	29. C	41.b	53. d	65. b
5. C	17.d	30.9	42.6	54. b	66.6
6.b	18-9	31. d	43.C	55. d	67. b
7. B	19.d	32. a	44. d	56. d	68. d
8. d	20.C	33- C	45-9	57·b	8g. C
9. d	21. C	34.9	46.C	58. C	70.9
10. d	22 b	35.a	47- a	5 9. a	71.5
11. 9	23. d	36-a	48.b	60.b	72. d
12. C	24.C	37-6	49.0	61.C	73.0
12	25 B	,			8

Apri

SOHA SAMY Science teacher

Choose the correct answer unit two lesson one

1-from the natural source of light is.....

a- Candle b- torch c-oil lamp d-sun

2-from the artificial source of light is.....

a-sun b-electric lamp c- stars d-a and b

3-All of these examples are artificial sources except

a-oil lamp b- candle c-stars d-torch

4-the main source of light on earth is

a-moon b-candle c-sun d-all of them

5-it is a tool converts electric energy into light energy

a-oil lamp b-electric lamp c-sun d-torch

6-the scientist who invented the light bulb

a-newton b-bohr c-Archimedes d-Edison

7-from the popular type of electric lamps are

a-light bulb b- oil lamp c-fluorescent lamp d-a and c

8-the filament of light bulb is made of

a-iron b-tungsten c-copper d-lead

9-the light bulb filled withinert gas

a-argon b-oxygen c-air d-neon

10-they transfer electricity from base to filament

a-piece of lead b-tungsten c-copper and lead wires

11-spiral base haspiece of lead

a-1 b-2 c-3

d-4

12-base has two pieces of lead and two side nails

a-spiral b-circular c-rectangular d-two side nails

13-carries the light bulb upright and connect it with electricity

a-base b-filament c-wire d-argon

14-the tungsten hasmelting point

a-low b-high c-medium d-no correct answer

15-type of electric lamp that used in commercial advertisement

a-light bulb b- torches c-fluorescent lamp

16-fluorescent lamp has..... tungsten filament

a-2 b-3 c-1 d-5

17-inner surface of fluorescent lamp covered with....material

a-argon b-lead c-phosphoric d-a and c

18-fluorescent lamp contains

a-argon gas b-mercury vapor c-a and b

19-they connect the lamp with electric current

a-filament b-wire c-two point of connection

20-fluorescent lamp doesn't contain

a-argon b-neon c-mercury vapor

21-when electricity passes through it heats up and emits light

a-filament b-base c-wire d-a and c

22-the electric circuit contain

a-battery b-wires c-lamp d- all of them

23-method of connection which connect lamps one after one in the same route and if one lamp damage turn off the others

a-series b-parallel c-a and b

24-lamps in house are connected with....

a-series b-parallel c-a and b

25-the source of electricity in electric circuit

a-wire b-switch c-battery d-lamp



Model answers unit two lesson one

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2-from the artificial source of light is.....

a-sun b-electric lamp c- stars d-a and b

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<u>a-2</u> b-3 c-1 d-5

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24-lamps in house are connected with....

a-series b-parallel c-a and b

25-the source of electricity in electric circuit

a-wire b-switch <u>c-battery</u> d-lamp

سيتم اضافة اسئلة الدرس التالى قريبا تابعونى على جروب الفيس تعالوا نتعلم صح مع ميس عبيرسمير وقناة اليوتيوب عشاق الساينس



April Revision

***** Choose the right answer:

Mr. Ahmed ElBasha

1.Tungsten is preferred to use in electric lamps because of						
a. its low melting point.		b. its high melting point				
c. its bad conductivity.		d. its high boiling point.	-C2			
2.Glass bulb in electric la	2.Glass bulb in electric lamp contains gas.					
a. hydrogen	b. oxygen	c. argon	d. nitrogen			
3.The filament of the electric lamp is made up of						
a. iron.	b. tungsten.	c. copper.	d. aluminum.			
4.The electric lamp converts the electric energy to the energy.						
a. sound	b. light	c. kinetic	d. potential			
5 is consider	5 is considered from electric conductors.					
a. Iron	b. Plastic	c. Wood	d. Eraser			
6.All the following are ba	d conductors of ele	ectricity except				
a. copper.	b. plastic.	c. rubber.				
7. The inventor of the elec	tric lamp is					
a. Daniel Rutherford.	b. Edison.	c. Newton.				
8.From the electric insula	tor substances is					
a. rubber.	b. iron bar.	c. aluminium bar.				
9.Operating more than or	ne machine from o	ne socket causes an				
a. electric fire.	b. electric burn.	c. electric shock.				
10. Which of the following gases is found in the fluorescent lamp, but not in the light						
bulb?						
a. Neon.	b. Mercury vapor.	c. Argon.				

11.Plugging many machines to one socket may cause				
a. electric overload.	b. electric fires.	c. both (a) and (b).		
12.When connecting the	light bulbs in paralle	l with many light bulbs	the light intensity	
a. decreases.	b. increases.	c. remains constant		
13.Electric wires must b	e covered with			
a. plastic.	b. iron.	c. aluminum.	No	
14 is consid	lered from electric co	nductors.	C	
a. Plastic	b. Iron	c. Wood		
15.The electric wires are	e made of	0.1	() ²	
a. plastic.	b. wood.	c. copper.		
16.The filament inside the	ne electric lamp is mad	de of		
a. aluminum.	b. tungsten.	c. iron.		
17.The fluorescent lamp	contains the inert	gas.		
a. hydrogen	b. nitrogen	c. argon	d. helium	
18.The electric lamps ar	e connected in the hou	ıse in		
a. series.	b. parallel.	c. variable.	d. (a) and (b).	
19 is used to	prevent the air from	reaching the filament.		
a. Base of bulb	b. Glass bulb	c. Tungsten		
20. When a lamp is conn	ecting in parallel with	several other lamps, th	e light intensity of	
the lamps				
a. decrease.	b. increase.	c. remains as it is.		
21. When we increase the number of the electric lamps in the series connection, their				
light intensity	••			
a. increases.	b. decreases.	c. remains the same	e.	
22 occurs when placing flammable materials near to electric machines that				
generate heat.				
a. Electric shock	b. Electric burn	c. Electric fire		

a. Daniel Rutherford. b. Edison. c. Newton.

33.From the electric insulator substances is

a. rubber. b. iron bar. c. aluminum bar.

Mr.Ahmed ElBasha Mob: 01153233911 Whatsapp: 01003494547

3

34.Operating more tha	n one machine from one	socket causes an	
a. electric fire.	b. electric burn.	c. electric shock.	
35.Which of the following	ing gases is found in the	fluorescent lamp, but not	in the light
bulb ?			
a. Neon.	b. Mercury vapour.	c. Argon.	
36.The electric lamps a	re connected in the hous	se in	
a. series.	b. parallel.	c. variable.	d. (a) and (b).
37 is used t	to prevent the air from r	reaching the filament.	
a. Base of bulb	b. Glass bulb	c. Tungsten	9
38 are from	n the artificial sources tl	nat are used before invent	ing the electric
lamps.			
a. Candles	b. Oil lamps	c. Fluorescent lamps	d. (a) and (b)
39.Materials that don't	allow the flow of electri	city through them are cal	lled
a. electric conductors		b. electric burns.	
c. electric insulators.		d. electric fires.	
40.The electric lamps r	epresent a constant sour	rce of light that is	AMARAMAN .
a. clear.	70	b. bright.	
c. free from smoke ar	nd odor.	d. (a), (b) and (c).	
41.All the following are	e from the components o	f the light bulb except	
a. the filament.		b. the glass bulb.	
c. two points of conne	ection.	d. the base of the light	bulb.
42.Materials that allow	the flow of electricity th	rough them are	
a. electric conductors		b. electric insulators.	
c. electric shocks.		d. electric fires.	
43 allow th	e electric current to trai	nsfer from the lamp base	to the filament.
a. The tungsten filam	ent	b. The argon gas	
c. Copper and lead w	ires in the light lamp	d. The base of the ligh	ıt bulb

44.All the followin	44.All the following are from the components of the fluorescent lamp except				
a. tungsten filam	ents.	b. points of conn	ection.		
c. two thick copp	per wires.	d. glass tube.			
45.Water cannot b	45.Water cannot be used to put out electric fires, because				
a. it is a good co	nductor of electricity.				
b. it is a bad con	ductor of electricity.				
c. it may evapora	ate. d. it is not cold.		10.0		
46 occ	urs due to passing the electr	ic current through th	e human body.		
a. Electric shock		b. Electric fire	20		
c. Electric burn		d. Electric overlo	oad		
47.The inner surfa	47. The inner surface of the tube of the fluorescent lamp is covered with				
a. mercury.	b. a phosphoric material.	c. copper.	d. tungsten.		
48.If we have three	e light bulbs and we need to	get high light intensit	ty, so we must		
connect them					
a. in series.		b. in parallel.			
c. (a) and (b).		d. without coppe	r wires.		
49.When we unscr	ew a bulb from those that a	re connected in series	,		
a. the unscrewed	l lamp only will be turned off.	•			
b. all lamps still	lighting.				
c. no lamp will b	be turned off.				
d. all lamps will	be turned off.				
50.To avoid the oc	currence of electric shock, y	ou should not			
a. touch the nake	ed wires.	b. touch electric mac	hines with wet hand.		
c. put metallic of	bjects in the electric socket.	d. (a), (b) and (c).			
51. The electric win	es are made of				
a. glass.	b. plastic.	c. rubber.	d. copper.		
52.Electric wires n	nust be covered with				
a. copper.	b. plastic.	c. iron.	d. lead.		

Science Second Term 2020/2021 Grade 6

Model answer

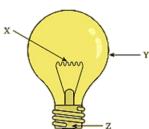
51.D

52.B

1. B	11.C	21. B	31. C	41. C
2. C	12. C	22. C	32. B	42. A
3. B	13. A	23. B	33. A	43. C
4. B	14. B	24. C	34. A	44. C
5. A	15. C	25. C	35. B	45. A
6. A	16. B	26. A	36. B	46. A
7. B	17. C	27. C	37. B	47. B
8. A	18. B	28. B	38. D	48. B
9. A	19. B	29. C	39. C	49.D
10. B	20. C	30. B	40. D	50. D
	L			

Choose the correct	answer:	
1. The electric lamps rep	oresent a constant source of light tha	at is
a. clear.b. bright.		
c. free from smoke and od	lor. d. (a), (b) and (c).	
2. Electric burns cause d	lamage to	
a. Furniture		
b. Body tissue		
c. Clothes		
d. No correct answ	er	
	of connection at each tip of the fluor	escent lamp
a. to react with tur		
b. to connect the la	-	
	om reaching the filament.	
d. (a), (b) and (c)		
4. Lamps in our homes	and businesses are connected in	with
the main source of el	lectricity.	
a. series b.	parallel and series	
c. parallel d.	no correct answer	
5. All the following gas	es are used in the electric lamps exc	ept
a. argon.b. atmospheric ai	_	-
c. mercury vapour.	d. (a) and (c).	
6. The electric lamp cor	nverts the electric energy into	energy.
a. kineticb. light c.		chergy.
8		
-	ight bulb is made of tungsten becaus	se it
has	h law malting paint	
a. low density.c. high melting point.	b. low melting point,d. no conductivity.	
c. mgn merung pomit.	u. no conductivity.	

- c. Glass bulb
- d. No correct answer



- 14. In the decorative lights, if one or more lamps burn out the other lamps do not turn off, because.....
 - a. lamps are used in religious celebrations.
 - b. lamps are connected in parallel.
 - c. lamps are connected in series.
 - d. (a), (b) and (c).

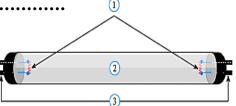
6 th primary	Ap	oril test revision	Mr. science
21. When we con source the light		n one bulb in para e bulbs	llel to an electric
	. increases.		d. (a), (b) and (c).
22. When the ele	ectric lamp co	nnected in series w	vith others in the
electric circuit, t	-		
a. decreases.	b, increases	c. does	sn't change
d. decreases some	etimes and inci	reases another time	es.
23. In houses,			
•		achines are connec	•
=	=		are connected series.
-			e connected in parallel,
d.lamps and all o	ther machines	are connected in se	ries.
24 The glass tuk	o of the fluor	accent lamp contri	n c
_	e or the fluore	escent lamp contai	115
a. neon gas.b. argon gas			
c. argon gas and a	a little of merc	iry vanour	
d. hydrogen gas.	z inche or inche.	ary vapour.	
, ,			
25 occ	curs due to pa	ssing the electric c	urrent through the
human body.			
a. Electric shoo overload	k b. Electr	ic fire c. Electric l	ourn d. Electric
26. The electric	wires are mad	o of	
a. a glass.	b. plastic.	c. rubber.	d. copper.
an a grade	o Production		u. copper
27. All the follow	ing are from	the direct injuries	of electricity except
a. fires resulting	from electricity	y. b. falling from	the top of a ladder.
c. the electric sho	ck.	d. electric burn	S.
28 To avoid the	occurronce of	alactric chack was	ı chouldn't
a. touch the nake		electric shock, you	i Shoulan t
b. touch electric i		wet hand	
c. put metallic ob			
d. (a), (b) and (c		on to booker.	
(), (-) and (-	<i>/-</i>		

فيديو شرح حل هذه الأسئلة في قناة مستر ساينس على اليوتيوب

29. Number one from the opposite fig. refers to......



- a. Points of connection
- b. Tungsten filaments
- c. Glass tube
- d. No correct answer

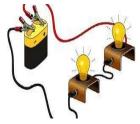


30. When an electric lamp which is connected in series with the other lamps burns out,.....

- a. the light intensity decreases.
- b. the light intensity increases.
- c. all lamps turn off.
- d. no correct answer.

31. The inner surface of the tube of fluorescent lamp is covered With.....

- a. phosphoric material.
 - b. mercury. c. copper.
- d. tungsten
- 32. In the opposite fig., the type of connection is......
- a. parallel b. series
- c. parallel and series



33. Electric burns cause damage to.....

- a. Furniture
- b. Body tissue
- c. Clothes
- d. No correct answer

34. The outside of the cable is made of plastic because plastic is an electric.

a. conductor. b. insulator. d. component. c. No correct answer.

35. What did Thomas Edison invent?

- a. The fluorescent lamp
- b. Electricity

- c. The light bulb
- d. All of the previous answers

36. What is the filament in a light bulb usually made of?

- a. Tungsten
- b. Copper
- c. Iron
- d. Glass

37. The glass tube of the fluorescent lamp contains

- a. neon gas.
- b. argon gas and a little amount of mercury..
- c. b. argon gas.
- d. No correct answer

38. Electric lamps have many uses. choose the way in which both fluorescent lamps and light bulbs are commonly used.

- a. Commercial advertisements
- c. Car lamps

b. Lighting houses

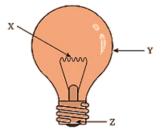
d. Torches

39. The harms resulting from the electric shock depend on......

- a. the time taken by the current to pass through the human body.
- b. the strength of the electric current passing through the human body.
- c. the heavy clothes that covered the human body.
- d. (a) and (b).

40. Look at this fig. of a light bulb What is (Y)?

- a. Base
- b. Filament
- c. Glass bulb
- d. No correct answer



Model answer

1. d	2.b	3.b	4.c	5.b
6.b	7.c	8.b	9.c	10.a
11. c	12. a	13. b	14. b	15. d
16. d	17. b	18.a	19. d	20.a
21. c	22.a	23.a	24.c	25.a
26.d	27.b	28.d	29.b	30.c
31. a	32.b	33.b	34.b	35.c
36.a	37.b	38.b	39.d	40.c



قم بفتح كاميرا الموبايل أمام الكود تصل لقناتنا فورا على اليوتيوب



قم بفتح كاميرا الموبايل أمام الكود تصل لجروب الفيس

بعض الهواتف لا تدعم تلك الخاصية

April Revision - Grade 6

Choose the co	errect answer: m the artificial sour	ces that are u	sed before inv	venting the	electric lamps.
a. Candles		c.			
2.The electric lan a. clear.	nps represent a cons b. bright.				(a), (b) and (c).
3.The electric lan a. kinetic	np converts the elec b. light	••	to sound	•	magnetic
4.All the followina. the filament.c. two points of co	g are from the componnection.	b. the gl			•••••
5.The filament of a. tungsten.	the light bulb is ma b. copper.		iron.	d.	aluminium.
6. The filament o a. low density. c. high melting po	f the light bulb is m int.	b. low m	en because it he nelting point. Inductivity.	ıas	•••••
	llow the electric cur ament I wires in the light la		er from the la The argon gas The base of th	3	
	g are from the com nts.	ponents of the b.	fluorescent la points of conr glass tube.		t
9.Which of the fo a. Neon.	llowing gases is fou b. Argon.		_		the light bulb Water vapour.
a. neon gas.	e of the fluorescent	_	b. argon g d. hydrogo	gas.	
11. The inner sur a. mercury.	face of the tube of t b. a phosphor		_	red with	
a. to react with turn		_		ect the lam	p to electricity.
13. When the electrical light intensity a. decreases.		_	th others in the change.		rrect answer.

14. All the following a. argon.			ic lamps except rcury vapour.		
_		-	g wires connected	together in a closed	
a. obtain a continu c. make the bulb li	ous electric circ		b. make a simple d. (a), (b) and (c)		
		one bulb in ser	ies to an electric s	source, the light intensity	
of the bulbs a. decreases.		c. doe	es not change.	d. no correct answer.	
		_	rallel to an electri	c source, the light	
a. decreases.			es not change.	d. (a), (b) and (c).	
	_	and we need to	get high light inte	nsity, so we must connect	
a. in series.		c. (a)	and (b).	d. without copper wires.	
19. When we unscrew a bulb from those that are connected in series,					
	 20. When an electric lamp which is connected in series with the other lamps burns out, a. the light intensity decreases. b. the light intensity increases. d. no correct answer. 				
 21. In houses,					
22. The light bulb			in the house.		
a. parallelc. parallel and serie		series series in some p	laces and in parall	el in the other places.	
	_	ne or more lamp	s burn out the oth	ner lamps do not turn	
a. lamps are used i	off, because				
24 .In our daily life, electricity can be used in					
25 a. Wood	is a g b. Iron	ood conductor o	of electricity. c. Plastic	d. Glass	

26. All the following man a. iron.	aterials allow the f b. copper.		electric curre	nt exc	e pt d. aluminium.
	11				d. alummum.
27. All the following ar a. glass.	b. rubber.	_	wood.	••••	d. copper.
28is a baa. Aluminium		_	[ron		d. Plastic
29. Materials that don't a. electric conductors.		•	_		4 4 4 9
30. Materials that allow a. electric conductors.					
31. Dangers of electrici a. electric fires.			electric burn.		d. (a), (b) and (c).
32. All the following are from the direct injuries except					
33. Increasing the tempa. electric shock.					
34.Plugging many appl a. electric overload.	The state of the s		_		
a. it is a good conductor c. it may evaporate.	_	ric fires, b		d cond	uctor of electricity.
36occur a. Electric shock	_			_	human body. ectric overload
37. The harms resulting from the electric shock depend on					
38. The electric shock is a. electric fires.	nay cause b. electric overload				d. electric current.
39. Which of the following is (are) from the reasons of the electric burns? a. Your body touches an electric machine that generates heat. b. Your body touches an insulated wire. c. Your body touches spark that results from an electric current. d. (a) and (c).					

40. To avoid the occurrencea. touch the naked wires.c. put metallic objects in the			ctric machines w	ith wet hand.	
 41. Which of the following is from the precautions in dealing withelectricity? a. Place several connections in the same socket. b. Play with the electric connections. c. Don't clean any electric machine, while being connected to the electricity. d. Place the flammable materials as curtains close to the machines that generate heat. 					
42.The electric wires are m a. glass. b. p	ade ofblastic.	c. rubber.	d.	copper.	
43. Electric wires must be ca. copper. b. p	covered with	c. iron.	d.	lead.	
44. Among the precautions when dealing with electricity is					
 45. The main idea of the electric lamp depends on					
46. In series connection, wh lamps?	nen one of the lamps	is broken, w	hat will happen	to the other	
a. They will not get affected.c. They will turn off.		b. They will d. No correct	•		
47. The glass tube of the fluorescent lamp contains a. neon gas b. argon gas and a little amount of mercury vapor c. argon gas d. No correct answer					
48. The lamps at home are a. in series b. in para		th a and b	d. perpen	dicularly	
49. The filament of light but a. iron b. copper			d. tungste	en	
50. Electric lamps have mailight bulbs are commonly u		way in which	both fluorescer	nt lamps and	
a. Commercial advertisemen	ts b. Lighting	houses	c. Car lamps	d. Torches	
51. What is the filament ina. Tungstenb. Copper52. What did Thomas Edise	c. Iro		d. Glass		
a. The fluorescent lamp		b. The light			
c. Electricity		d. All of the	previous answer	rs	

53. Look at this p a. Base b. Filament c. Glass bulb d. No correct answ	ohoto of a light bulb. Wh	nat is X?	—- у
_	ction		2 3
55. One of the folbulb		the fluorescent lamp but	t not in the electric
a. Neon	b. Argon	c. Mercury vapor	d. No correct answer
56. All the follow a. Glass	ing are electric insulator b. Wood	c. Rubber	d. Copper
57. a. Wood	is a good conductor of b. Iron	f electricity. c. Plastic	d. Rubber
58. All of the folloa. Iron	owing materials allow th b. Rubber	e flow of the electric cur c. Aluminum	rent exceptd. Copper
59. An electric sh a. Electric fires	b. Electric burns		d d. Electric current
60. Fluorescent laa. Hydrogen gasc. Atmospheric air		and a little amount ofb. Mercury vapord. All the answers are co	
61. The florescen a. Golden	t lamp is lined with b. Phosphoric	substance.	d. No correct answer
62. What is found a. A glass bulb		np but not in an electric ngsten filaments d. Ph	bulb? osphoric material

64. If we want to no brightly. What can a. Add another lamp b. Remove lamp Y c. Add another lamp d. No correct answer.	p in series p in parallel	t	x y y		
source of electricit	y.	re connected inallel and series			
highest light intens	sity from each lamp?	ircuit should you connec c. Parallel	t them in to get the d. No correct answer		
67. You builds a poor of lamp X a. stays the same b. increases c. decreases d. no correct answer		ou add another lamp to t	he circuit, the brightness		
	•	to connect electric lamps ries and parallel			
69. When disconne a. Stay lightning	ecting an electric lamp f b. Turn off	from a series connection c. Make spark d. All	, the rest of the lamps I the previous answers		
70. Electric fires a a. Electric insulator	_	because; water is a/an tor c. Heat conductor			
71. You put a steel key in an electric circuit. The lamp lights up because the steel key lets electricity flow through the circuit. Choose the object that could replace the steel key and make the lamp light up. a. A wooden stick b. A plastic spoon c. An iron nail d. All the answers are correct					
72. A material tha a. conductor	t does not allow electric b. barrier	c. insulator	d. no correct answer		
73. Electric burns a. Furniture	b. Body tissue	c. Clothes	d. No correct answer		
	ng the number of lamps b. Decrease	s in a series connection, to c. unchanged	the light intensity d. No correct answer		
	f the light bulb is made b. High melting point	of tungsten because it h c. Low melting point	asd. (c).		

76. The outside of a. conductor	f the cable is made of plast b. component	stic because plastic is an c. insulator	d. no correct answer	
77. The electric la a. Clear	amps represent a constant b. Bright c. Free from	_		
	of the light bulb is made of b. Copper.	of c. Iron.	d. Aluminum.	
79. Which of the a. Neon.	following gases is found i b. Argon.	n the fluorescent lamp l c. Mercury vapour.	but not in the light bulb? d. Water vapour.	
	face of the tube of the flu b. a phosphoric material.	orescent lamp is covere c. copper.	d withd. tungsten.	
81. We need a light bulb, battery and connecting wires connected together in a closed continuous path to				
of the bulbs	nect more than one bulb b. increases.	in series to an electric se		
83. When we connect more than one bulb in parallel to an electric source, the light intensity of the bulbs				
them	ree light bulbs and we need b. in parallel.		d. without copper wires.	
85. When we unscrew a bulb from those that are connected in series,				
86. In our daily life, electricity can be used in				
87 is a a a. Wood	good conductor of electric b. Iron	city. c. Plastic	d. Glass	
88. All the follows a. iron.	ing materials allow the flo b. copper.	ow of the electric current c. rubber.	nt exceptd. aluminium.	
89. Materials that a. electric conduct	ors. b. electric burns.	electricity through them c. electric insulato		
90. Materials tha a. electric conduct	t allow the flow of electric ors. b. electric insulator	•		

91. Dangers of ele a. electric fires	ectricity include b. electric shock	•	c. electric burn	d	. (a), (b) and (c).
92. Electric wires a. copper.	must be covered with b. plastic.	••••	c. iron.	d	. lead.
_	e temperature of the electric shock	tric m	c. electric burn		. (a), (b) and (c).
94. Which of the following is (are) from the reasons of electric burn?a. Your body touches an electric machine that generates heat.b. Your body touches an insulated wire.c. Your body touches spark that results from an electric current.d. (a) and (c).					
a. it is a good cond	95. Water cannot be used to put out electric fires, because a. it is a good conductor of electricity. b. it is a bad conductor of electricity. c. it may evaporate. b. it is not cold.				
96. o a. Electric shock	ccurs due to passing the observation b. Electric fire				nan body. ric overload
97. The electric war a. a glass.	vires are made of b. plastic.	c. rub	bber.	d. coppe	er.
98. All the follows a. fires resulting from the electric shoots.	•	ijurie:	b. falling from the t d. electric burns.		ladder.
a. touch the naked	occurrence of electric showires. ects in the electric socket.		b. touch electric ma		with wet hand.
Look at the op	posite figure, then an	ıswei	·:		
(A) What is th	e name of this figure	?			
(B) Label the following figure: (Giza & Beheira 2017) 1 2 3 4 5 6 (C) Why is the glass bulb of the electric lamp filled with argon gas ?					
(C) Why is the glass bulb of the electric lamp filled with argon gas ?					

Primary 6

April

1) is the	e main source of	flight.	
a. Sun	b. moon	c. lamp	d. electricity
2) Electric lamp	is preferred tha	an oil lamp as	
a. it is clear and	d bright		1/0
b. free from sn	noke		$\sim \gamma_{II}$
c. free from va	pour and odour		110.
d. a ,b ,c		24	
3) Filament in li	ght bulb made o	of	
a. copper	b. iron	c. lead	d. tungsten
4) Copper and I	ead wire allow	to pass f	romto
a. Water, base	, filament	1/1	
b. Electricity ,fil	ament ,base	111	
c. Water ,base,	filament	-	
d. electricity ,ba	ase ,filament		
5) Glass bulbs f	illed with		
a. oxygen	b. inert gas	c. argo	n gas d. b ,c
6)and	and	are the main c	omponents of electric
circuit.			
a. lamp, key, b	attery		
b. wire, lamp ,l	battery		
c. lamp, key ,w	rire		
d. battery, lam	p, key		
7) conr	nect the battery	to the lamp.	
a. key	b. wire	c. switch	d.no correct answer

	8) It is a way in which light bulbs c	onnected in branching routs,
CAMPACAMA CAMPACAMA	is	
A COMPANY OF PERSONS ASSESSED.	a.In series connection	b. in parallel connection
Section Contract on Contract o	c. in perpendicular connection	d. a,b
	9) In parallel connection, by increa	asing no. of bulbs, the lighting
Section (section)		
A	a. Increases b. decreases	c. doesn't change d. a ,b
SECOND SECOND SECOND	10) Electric circuit isand	path which electric current passe
Carlotte Carlotte Carlotte	a. Opened, contentious	b. closed, contentious
Complementary of the Complemen	c. opened ,cut	d. closed ,cut
a constraint and an experiment	11)is the source of electric	c current in electric circuit.
A Land Land Line Line Line	a. key b. wire c	. switch d.battery
STATE AND LAND LAND LAND LAND	12) heats up and emits lig	ght in light bulb.
A 1 AM 1 AM 1 AM 1 AM 1 AM 1	a. base of bulb b. glass bulb	c. filament d. argon gas
A section to section 1 and	13) In series connection, by increa	asing no. of bulbs, the lighting
Canal Section Contraction		
Canal Section Control	a. Increases b. decreases	c. doesn't change d. a ,b
Man I was I was I was I was	14) electric burn result from	
Campings Committee Committee	a. a part of your body touch mack	nines generate heat.
Section Contract Sections	b. a part of your body touch sour	ce of electric current directly.
Man Comp. Com. Com. Com.	c. Plugging more than machine in	one socket.
And in case is been a seen a seen in	d. a ,b	
STREET, SQUARE, CARROLL SHOP CO.	15)prevents air from enter	ring light bulb.
A 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1 100 1	a. base of bulb b. glass bulb	c. filament d. argon gas
A CHARLES AND LANGE OF THE PARTY AND ADDRESS O		
Charles Land Contraction	16) Fluorescent lamp contains	Filament
1		

a. one	b. two		c. three	d.no)
17) When two	o parts of you	r body tou	ch naked ele	ctric, it is	a reason
of					
a. electric fi	res.				
b. electric sl	nock.				
c.electric bu	ırn.				
d. a, b and C	.				
18)	results of an	increase t	he temperat	ure of ma	chines.
a. electric fi	res.				
b. electric sl	nock.				
c.electric bu	ırn.				
d. a, b and C	.				
19)ar	nd pres	ent inside	glass tube in	fluoresce	nt lamp.
a. argon gas	, oxygen gas		b. argon gas	, liquid me	ercury
c. argon gas	,mercury vap	our	d. neon gas,	mercury v	apour
20)	connect the	fluorescer	nt lamp to the	e electric (circuit.
a. base of bu	ılb	b. gl	ass bulb		
c. filament		d. po	ints of conn	ections	
21) Fluoresce	nt lamp is kno	own as nec	n lamp. It co	ntains	
a. neon gas	b. argon	gas c.	oxygen gas	d.a,b	
22) When all	parts of elect	ric circuit c	onnected, th	e circuit is	S
a. opened	b. closed	c. doesn'	t conduct ele	ectricity	d.a,c
23) It is a way	in which ligh	t bulbs cor	nected in br	anching ro	outs,
is					
a. In series connection		ŀ	b. in parallel connection		

c. in perpendicular connection	d. a,b		
24) Spiral base contains pie	ece of		
a. one, lead b. two, lead	c. one ,plas	tic d. t	wo ,plastic
25) carry lamp in upright po	osition.		
a. base of bulb b. glass bulb	c. filamer	t d. arg	on gas
26) It is a way in which light bulbs	connected o	ne after on	e is
a. In series connection	b. in paral	lel connect	ion
c. in perpendicular connection	d. a,b		
27) Electric lamp changes	energy into	en	ergy.
a. electric ,heat	b. electric,	light	
c. light ,electric	d. light ,he	at	
28) The invertor of light bulb is			
a. Edison b. Tomas alpha Ediso	on c. Arcl	nimedes	d. a, b
29) The most popular so	ource of artif	icial light.	
a. oil lamp b. fluorescent lam	p c. ligl	nt bulb	d. sun
30)andare electric co	onductors		
a. iron, glass b. water, copper	c. wood, le	ad d. air,	clothes
31) The electric cables are made o			
a. lead, iron b. copper, iron c.	copper, plas	tic d. pla	stic ,coppe
32) The materials that allow flow of	of electricity	through th	em,
are			
a. electric insulator b. electric o	conductor	c. copper	d.a,b
33) All the following are uses of ele	ectricity exce	ept	
a. electric shock.			
b. cook food.			

c. light factories.	
d. operate some machines.	
34) is found in fluorescer	nt lamp but not in light bulb.
a. phosphoric material	b. mercury vapour
c. argon gas	d.a,b
35) When we unscrew a bulb fron	n those that are connected in
series	
a. the unscrewed lamp only will b	e turned off.
b. all lamps still lighting.	
c. all lamps will be turned off.	
d. no lamp will be turned off.	
36) In houses	
a. lamps and all other electric ma	chines are connected in parallel.
 b. lamps are connected in paralle 	I and other machines are
connected in series.	
c. lamps are connected in series	and all other machines are
connected in parallel.	
d. lamps and all other machines a	ire connected in series.
37) Dangers of electricity include	
a. electric fires.	
b. electric shock.	
c. electric burn.	
d. a, b and C.	
38) All the following are from the	direct injuries except
a. fires resulting from electricity.	
b. falling from the top of a ladder	

c. the electric shock.
d. electric burn.
39) Increasing the temperature of the electric machines causes
a. electric shock.
b. electric fires,
c. electric burns.
d. a, b and c.
40) Plugging many appliances to one socket may cause
a. heating up of wires.
b. electric overload.
c. fires
d. a ,b ,c
41) Water cannot be used to put out electric fires, because
a.it is a good conductor of electricity
b. it is a bad conductor of electricity
C.it may evaporate.
d. it is not cold.
42) occurs due to passing the electric current through the
human body
a. Electric shock
b. Electric burn
c.Electric fire
d. Electric overload
43) The harms resulting from the electric shock depend on
a. the time taken by the current to pass through the human body.

- b. the strength of the electric current passing through the human body.
- c.the heavy clothes that covered the human body.
- d.a,b
- 44) The electric shock may cause.....
- a, electric fires.
- b. electric burns.
- c. electric overload.
- d. electric current.
- 45) Which of the following is from the reasons of the electric burn?
- a. Your body touches an electric machine that generates heat
- b. Your body touches an insulated wire.
- c.c. Your body touches spark that results from an electric current
- d. a and c.
- 46) To avoid the occurrence of electric shock, you should not
- a. touch the naked wires.
- b. touch electric machines with wet hand.
- c. metallic objects in the electric socket.
- e. A, b and c.
- 47) Which of the following is from the precautions in dealing with electricity?
- a. Place several connections in the same socket.
- b. Play with the electric connections.
- c.Don't play with any electric machine.
- d. Place the flammable materials near the machines that generate heat.

Answer

- 1) Sun
- 2) A, b, c
- 3) Tungsten
- 4) Electricity, base, Filament
- 5) B, c
- 6) Wire, lamp battery
- 7) Wire
- 8) In parallel
- Doesn't change
- 10) Closed, contentious
- 11) Battery
- 12) Filament
- 13) Decreases
- 14) A, b
- 15) Glass bulb
- 16) Two
- 17) Electric shock
- 18) Electric fire
- 19) Argon gas, mercury vapour
- 20) Points of connection
- 21) Argon gas
- 22) Closed
- 23) In parallel
- 24) One, lead

- 25) Base of bulb
- 26) In series
- 27) Electric, light
- 28) A, b
- 29) Light bulb
- 30) Water, copper
- 31) Copper, plastic
- 32) Electric conductor
- 33) Electric shock
- 34) A, b
- 35) All lamps will turn off
- 36) Lamps and all machines are
- connected in parallel
- 37) A, b, c
- 38) Falling from the top of ladder
- 39) Electric fire
- 40) A, b, c
- 41) Its good conductor of electricity
- 42) Electric shock
- 43) A, b
- 44) Electric burn
- 45) A, c
- 46) A, b, c
- 47) Don't play with electric machines

3 Electric Energy the electric lamps

* Choose The correct answer :-

⊙ 1- the inventor of the electric lamp is...... (Daniel Rutherford- Edison- Newtown) *2-are from the artificial sources that are used before inventing the electric lamps. (candles- oil lamps- florescent lamps- a,b). ⊙ 3- the electric lamp converts the electric energy to the..... (sound-light-kinetic-potential) *4- the electric lamps represent a constant source of light that is....... (clear- bright - free from smoke and odor - a,b,c). *5- the electric lamp converts the electric energy intoenergy . (kinetic - light - sound - magnetic). ∞ 6-is used to prevent the air from reaching the filament (base of bulbglass bulb- tungsten) the light bulb)

*7- all the following are from the components of the light bulb except.....(the filament- the glass bulb- two points of connection - the base of

©8- glass bulb in electric lamp contains.....gas

(hydrogen-oxygen-argon-nitrogen)

© 9- the fluorescent lamp contains the inert...gas

(hydrogen-nitrogen-argon-helium)

△ ∞ ∞ 10- the filament of the light bulb is made of.....

(tungsten-copper-iron-aluminum)

تابع فيديو هات حل الاسئله الاختياري على قناه اليوتيوب يلا نذاكر ساينس مع ماما

- *11- the filament of the light bulb is made tungsten because it has......
- (low density-low melting point-high melting point-no conductivity)
- *12- allow the electric current to transfer from the lamp base to the filament (the tungsten filament- the argon gas copper and lead wires in light lamp- the base of the light bulb)
- *13- all the following are from the components of the fluorescent lamp except......(tungsten filaments- points of connection- two thick copper wires glass tube)
- *15- the glass tube of the fluorescent lamp contains......(neon gas argon gas
- argon gas and a little of mercury vapour hydrogen gas)
- *16- the inner surface of the tube of the fluorescent lamp is covered with.....
- (mercury- a phosphoric material- copper- tungsten).
- 17- tungsten is preferred to be used in the light bulb because it has.......
- (bad conductivity-high melting point-low density-low melting point)
- *18- there are two points of connection at each tip of the fluorescent lamp......
- (to react with tungsten filament- to connect the lamp to electricity to prevent air from reaching the filament- a,b,c).
- ◎ 19- when the electric lamp connected in parallel with others in the electric circuit the light intensity....(decreases Increases -
- doesn't change decreases sometimes and Increases another times).

∞ ∞ 20- when connecting the light bulbs in parallel with many light bulbs the light intensity.......(decreases- increases- remains constant)

=(remains as it is)

*21- all the following gases are used in the electric lamps except......

(argon - atmospheric air - mercury vapor - a,c)

22- the inert gas that exists inside the bulb to (decrease the amount of electricity- decrease the lifetime of filament-increase the amount of electricityincrease the lifetime of the filament)

*23- we need a light bulb battery and connecting wires connected together in a closed continuous path to.....(obtain a continuous electric circuit - make a simple electric circuit- make the bulb lights up - a,b,c).

*24- when we connect more than one bulb in service to an electric source the light intensity of the bulb....

(decreases - lncreases - doesn't change - a,b).

*25- when we connect more than one bulb In parallel to an electric source the light intensity of the bulbs.....

(decreases - Increases - doesn't change - a,b,c)

*26- if we have three light bulbs and we need to get high light intensity so we must connect them.....

(in series - in parallel - a,b - without copper wires)

*27- when we unscrew a bulb from those that are connected in series.....(the unscrewed lamp only will be turned off- all lamps still lighting - no lamp will be turned off- all lamps will be turned off)

تابع فيديو هات حل الاسئله الاختياري على قناه اليوتيوب يلا نذاكر ساينس مع ماما

Increases- all lamps turn of - no correct answer).

©29- when an electric lamp which connected in series with other lamps burns......(the light intensity increases- the light intensity decreases- all lamps turn off - no correct answer)

- *30- in houses.....(lamps and other electric machines are connected in parallel
- -lamps are connected in parallel and other machines are connected in serieslamps are connected in series and all other machines are connected is parallel lamps and all other machines are connected in series)
- *31- the light bulbs are connected in.... in the house (parallel and series series parallel and series series in some places and in the other places)
- *32- in the decorative lights if one more lamps burn out the other lamps do not turn off because.....(lamps are used in religious celebrations- lamps are connected in parallel- lamps are connected in series a,b,c).
- 33-the......is the continuous path through which the electric current passes (open electric circuit- battery-closed electric circuit- lamp)
- 34-works as a source of electric current in the electric circuit (lamp- electric wire- battery- key)
- 35- in series connection the light intensity of the light bulbs.....
- (decreases by increasing the number of the light bulbs-increases by decreasing the number of the light bulbs-increases by increasing the number of the light bulbs- a and b)

36- by unscrewing one bulb from bulbs connected in parallel.....

(the electric current does not flow – the electric current flow-light intensity of the other bulbs is still constant-b,c)

4 Electric energy Dangers of electricity

Q Choose:-

©37-is considered from electric conductors (iron-plastic-wood-eraser)

⊙ 38- all the following are bad conductors of electricity except.....

(copper-plastic-rubber)

⊙ 39- from the electric insulator substances is......

(rubber- iron bar- aluminum bar)

40-Which of the following is from the indirect injuries?

(Fires resulting from electricity – <u>Falling from the top of a ladder</u> -The electric shock -Burns resulting from the electric current)

41- All the following materials are electric conductors except.......

(iron-copper - aluminium -wood)

42- Fires caused by electricity are put out by.....(water - sand -air- (a) and (b).)

43-Which of the following is (are) from the benefits of electricity?

(Cooking food –Lighting houses and streets - Operating some machines as televisions and washing machines. -(a), (b)and (c))

44-.....occur as a result of the increase in the temperature of the electric machines (the electric shocks-burns resulting from the electric current-

Fires resulting from electricity- indirect injuries)

45- All the following are from the precautions in dealing with electricity except....don't place flammable materials close to the electric machines that generate heat-place a piece of plastic in the socket - don't insert a nail in the socket – play with the electric connections)

46 -The electric burns happen when....(a part of your body touches a source of electric current directly - a part of your body touches a spark resulting from an electric fire - a part of your body touches a wire that has an electric current and the other part touches the ground- (a) and (b)

47- All the following reasons are from the reasons of the electric fires except(placing an electric machine that generates heat close to curtains- plugging more than one machine in the same socket- passing the electric current through the human body- not disconnecting the electric current from the electric machine that generates heat)

48-....results when your body is a part of an electric circuit (Electric fire - electric conditioner-Electric burn - Electric shock)

49- Burns that result from electricity and cause the damage of the body tissues are(electric fires- electric shock- electric burns)

50. If we have four light bulbs and we need to get high light intensity, so we must connect them(in series- in parallel- a,b - no correct answer)

51. If we connect an eraser with an electric circuit, the....

(electric circuit will be opened- electric circuit will be closed- electric current will flow - (b) and (c))

- 52- Water is not used in putting out fires caused by electricity, because (it is a bad conductor of electricity- it is a good conductor of electricity -it may evaporate- no correct answer)
- 53- All the following materials allow the flow of the electric current except.....(iron- aluminum -rubber- copper)
- 54- Plugging many appliances to one socket may cause.....(heating up of wireselectric overload- fires- (a), (b) and (c))
- ⊙ 55-Plugging more than one machine to one socket causes...... (electric shockelectric fire electric overload- electric overload and electric fire)
- ∞ 56- The electric shock may cause......
- (electric fire- electric overload electric burn no correct answer)
- ⊙ 57- connecting more than one electric device in the same socket leads to..... (electric shock - electric overload- electric burn -electric shock & burn.)
- ⊙ 58-increasing the temperature of the electric machines causes(electric shock – electric burn – electric fire)
- ⊙ 59-Plugging many machines to one socket may cause.....(electric overloadelectric fires -both (a) and (b))
- ⊙ 60- Electric wires must be covered with.....(plastic-iron -aluminium)
- 61- The electric wires are made of.....(plastic- wood copper)
- ⊙ 62-is an example of materials that are electric conductors.
- (Wood Glass plastic- Copper)

3 Electric Energy the electric lamps

* Choose The correct answer :-

(Daniel Rutherford- Edison- Newtown) *2-are from the artificial sources that are used before inventing the electric lamps. (candles- oil lamps- florescent lamps- a,b). ⊙ 3- the electric lamp converts the electric energy to the..... (sound-light-kinetic-potential) *4- the electric lamps represent a constant source of light that is....... (clear- bright - free from smoke and odor - a,b,c). *5- the electric lamp converts the electric energy intoenergy . (kinetic - light - sound - magnetic). ∞ 6-is used to prevent the air from reaching the filament (base of bulbglass bulb-tungsten) *7- all the following are from the components of the light bulb except.....(the filament- the glass bulb- two points of connection - the base of the light bulb) ©8- glass bulb in electric lamp contains.....gas (hydrogen-oxygen-argon-nitrogen) © 9- the fluorescent lamp contains the inert...gas (hydrogen- nitrogen- argon- helium) △ ∞ ∞ 10- the filament of the light bulb is made of..... (tungsten-copper-iron-aluminum)

تابع فيديو هات حل الاسئله الاختياري على قناه اليوتيوب يلا نذاكر ساينس مع ماما

(low density-low melting point-high melting point-no conductivity)

- *12- allow the electric current to transfer from the lamp base to the filament (the tungsten filament- the argon gas copper and lead wires in light lamp- the base of the light bulb)
- *13- all the following are from the components of the fluorescent lamp except......(tungsten filaments- points of connection- two thick copper wires glass tube)
- *15- the glass tube of the fluorescent lamp contains......(neon gas argon gas
- argon gas and a little of mercury vapour hydrogen gas)
- *16- the inner surface of the tube of the fluorescent lamp is covered with.....

(mercury- a phosphoric material- copper- tungsten).

17- tungsten is preferred to be used in the light bulb because it has.......

(bad conductivity- high melting point- low density- low melting point)

- *18- there are two points of connection at each tip of the fluorescent lamp.....
- (to react with tungsten filament- to connect the lamp to electricity- to prevent air from reaching the filament- a,b,c).
- © 00 19- when the electric lamp connected in parallel with others in the electric circuit the light intensity....(decreases lncreases -

doesn't change- decreases sometimes and Increases another times).

© © 20- when connecting the light bulbs in parallel with many light bulbs the light intensity.......(decreases- increases- remains constant)

تابع فيديو هات حل الاسئله الاختياري على قناه اليوتيوب يلا نذاكر ساينس مع ماما

*21- all the following gases are used in the electric lamps except......

(argon - atmospheric air - mercury vapor - a,c)

- 22- the inert gas that exists inside the bulb to (decrease the amount of electricity- decrease the lifetime of filament-increase the amount of electricityincrease the lifetime of the filament)
- *23- we need a light bulb battery and connecting wires connected together in a closed continuous path to.....(obtain a continuous electric circuit - make a simple electric circuit- make the bulb lights up - a,b,c).
- *24- when we connect more than one bulb in service to an electric source the light intensity of the bulb....

(decreases - Increases - doesn't change - a,b) .

*25- when we connect more than one bulb In parallel to an electric source the light intensity of the bulbs.....

(decreases - Increases - doesn't change - a,b,c)

*26- if we have three light bulbs and we need to get high light intensity so we must connect them.....

(in series - in parallel - a,b - without copper wires)

*27- when we unscrew a bulb from those that are connected in series.....(the unscrewed lamp only will be turned off- all lamps still lighting - no lamp will be turned off- all lamps will be turned off) *28- when an electric lamp which is series with the other lamps burns out...... (the light intensity decreases - the light intensity Increases- all lamps turn of - no correct answer) .

©29- when an electric lamp which connected in series with other lamps burns......(the light intensity increases- the light intensity decreases- all lamps turn off - no correct answer)

*30- in houses......(lamps and other electric machines are connected in parallel - lamps are connected in parallel and other machines are connected in series-lamps are connected in series and all other machines are connected is parallel - lamps and all other machines are connected in series)

*31- the light bulbs are connected in..... in the house (parallel-series - parallel and series-series in some places and in the other places)

*32- in the decorative lights if one more lamps burn out the other lamps do not turn off because.....(lamps are used in religious celebrations- lamps are connected in parallel- lamps are connected in series - a,b,c).

33-the......is the continuous path through which the electric current passes (open electric circuit- battery-closed electric circuit- lamp)

34-works as a source of electric current in the electric circuit (lamp- electric wire- battery- key)

35- in series connection the light intensity of the light bulbs.....

(decreases by increasing the number of the light bulbs-increases by decreasing the number of the light bulbs-increases by increasing the number of the light bulbs- a and b)

36- by unscrewing one bulb from bulbs connected in parallel.....

(the electric current does not flow – the electric current flow-light intensity of the other bulbs is still constant- b,c)

4 Electric energy Dangers of electricity

©37-is considered from electric conductors (iron-plastic-wood-eraser)

⊙ 38- all the following are bad conductors of electricity except.....

(copper-plastic-rubber)

⊙ 39- from the electric insulator substances is......

(rubber-iron bar-aluminum bar)

40-Which of the following is from the indirect injuries?

(Fires resulting from electricity – Falling from the top of a ladder -The electric shock -Burns resulting from the electric current)

41- All the following materials are electric conductors except.......

(iron-copper - aluminium -wood)

42- Fires caused by electricity are put out by.....(water - sand -air- (a) and (b).)

43-Which of the following is (are) from the benefits of electricity?

(Cooking food –Lighting houses and streets - Operating some machines as televisions and washing machines. -(a), (b)and (c))

44-.....occur as a result of the increase in the temperature of the electric machines (the electric shocks- burns resulting from the electric current-fires resulting from electricity- indirect injuries)

45- All the following are from the precautions in dealing with electricity except....don't place flammable materials close to the electric machines that

generate heat-place a piece of plastic in the socket - don't insert a nail in the socket – play with the electric connections)

46 -The electric burns happen when....(a part of your body touches a source of electric current directly - a part of your body touches a spark resulting from an electric fire - a part of your body touches a wire that has an electric current and the other part touches the ground- (a) and (b)

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- ⊙ 58-increasing the temperature of the electric machines causes(electric shock – electric burn – electric fire)
- ⊙ 59-Plugging many machines to one socket may cause.....(electric overloadelectric fires -both (a) and (b))
- ⊙ 60- Electric wires must be covered with.....(plastic-iron -aluminium)
- ⊙ 61- The electric wires are made of.....(plastic- wood copper)
- ∞ 62-is an example of materials that are electric conductors. (Wood -Glass - plastic- Copper)

Choose the correct answer

```
1-light bulbs are connected in ......in houses
(parallel - series - parallel and series)
2-we connect more than one bulb in series with an
electric source, the lighting of bulb ..... (decrease -
increase - remains constant )
3-we connect more than one bulb in parallel with an
electric source, the lighting of bulb ..... (decrease -
increase - remains constant )
4-electric lamps convert electric energy into
.....energy
(heat - light - sound )
5-filament is made up of ......(iron - copper - tungsten)
6-electric circuit is...... path of electricity
(Closed - opened - curved)
7.....is a good conductor of electricity
(Iron - copper - water - all previous answers)
```

```
8-....is a bad conductor of electricity
(wood - copper - water )
9-connect lamp with electricity
(base of lamp - filament - mercury vapour)
10-Fluorescent lamp contains......
(argon - atmospheric air - argon and mercury vapour)
11-Lamps contains all the following except .....
(Argon - neon - atmospheric air)
-12is a source of electricity
(battery - electric wires - key)
13-Electric wires are made up of ..........
(copper - iron - lead)
14-Filament is made of tungsten because it has ........
(high melting point - low melting point - high boiling
point)
15-All the following are electric insulator except .......
(wool- wood - copper)
```

16-Materials that allow the flow of electricity are called

(Insulator - conductor - gases)

17-Electric cables are made of

(copper - iron - lead)

18-....is an example for electric insulator

(Copper - aluminium - plastic)

19-When a bulb burns in the electric circuit that contains more than one bulb connected in series ,the light bulbs

(decrease light intensity - are turn off - remains constant)

20-Which has of the following gases is found in the fluorescent lamp but not electric bulb....?

(neon - argon - mercury vapour)

21-All the following are electric conductor except...

(aluminium - copper - rubber)

22-Operating more than one machine in the same socket leads.....

(Electric shock - increasing the electric load- all the following)

23-We don't used water to put out electric fires because it is

(good conductor of electricity - bad conductor of electricity of electricity - good conductor of heat)

.-24.....is a danger of electricity that causes damage body tissues

(Electric shock - electric burns - electric fires)

.-25....Is a danger of electricity that result from increase temperature of devices

(Electric shock - electric burns - electric fires)

26-....is a danger of electricity that result from passage electric current through human body

(Electric shock - electric burns - electric fires)

27-.....had invented electric lamp

(newton - Edison - faraday)

```
28-The inner surface of tube of fluorescent lamp is
covered with ....material
(phosphoric-gelatinous-lighted)
29-.... is the most popular electric lamp
(Fluorescent-light bulb - fluorescent and light bulb)
30.....is a component of electric circuit that connect
lamp with battery
(electric wires - key - battery)
31-....heat up and glowing light
(filament - argon gas - copper wire)
32-.....controls opening and closing electric circuit
(electric wires - key - battery)
33-When you insert metallic bar in the socket causes...
(Electric shock - electric burns - electric fires )
34-Increasing temperature of devices causes...
(Overload - electric fires - overload and electric fires)
35-All of these are dangers of electricity except...
(Electric shock - electric burns - falling from metallic
ladder )
```

36-....is (are)from precautions to deal with electricity

A-plugging more than machine in one socket

B- touch un insulated wires

C-turn off device after we used it

37-Electric burns occurs due to....

A-Touch spark that result from electric fires b-Plugging more than one machine in one socket c-insert metallic nail in the socket

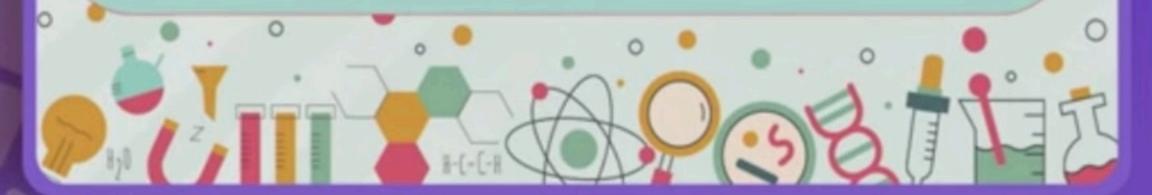
Good luck



- Choose the correct answer:
- 1] occurs due to passing the electric current through human body.
- a-electric shock
- b- electric fire C- electric burn
- d-electric overload

- 2) Electric wires are covered with
- A-copper
- b- iron
- c-plastic
- d-steel
- 3) All of the following are found in fluorescent except....
- a- mercury vapor
- b- argon gas
- c-phosphoric material

d-air





- ☐ Choose the correct answer:
- 4) By increasing the number of lamps in series connection, light intensity
- A- increase b- decrease c- remain the same d- all the previous
- 5) Is a device that converts electric energy into light energy.
- A- electric iron b-washing machine c-electric lamp d- speakers
- 6) Light bulbs are connected in At house.
- A parallel b-series c-one route d-b and c



Choose the correct answer:

1) occurs due to placing flammable material beside electric machine that generated heat.

A-electric shock

b- electric fire

C- electric burn

d-electric overload

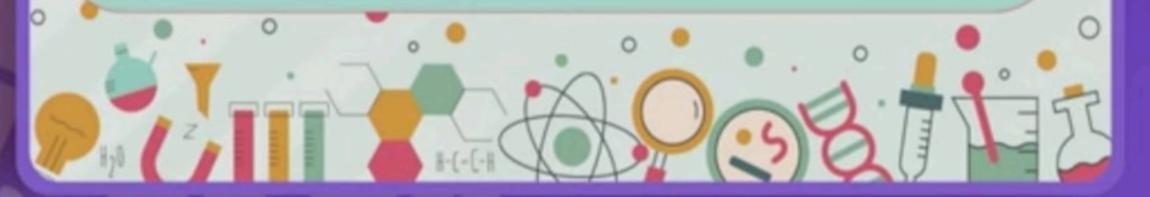
2) Materials that doesn't allow electricity to flow are called

A- good conductors of electricity

B- good conductors of heat

C- bad conductors of electricity

D-bad conductors of heat





- □ Choose the correct answer:
- 3] Connect the lamp with electricity.
- A- tungsten b- copper and lead wires c- argon gas d- base
- 4) By unscrewing one of the lamps in parallel connection the other lamps......
- A- turn off b- remain working c- decrease intensity d- burn
- 5] is a continuous, bright and smoke free source of light.
- a)Sun b)candle c)electric lamp d)torch
- 6) Which of the following is not a component of electric circuit.
- A- lamp b- coin c- wire d- battery